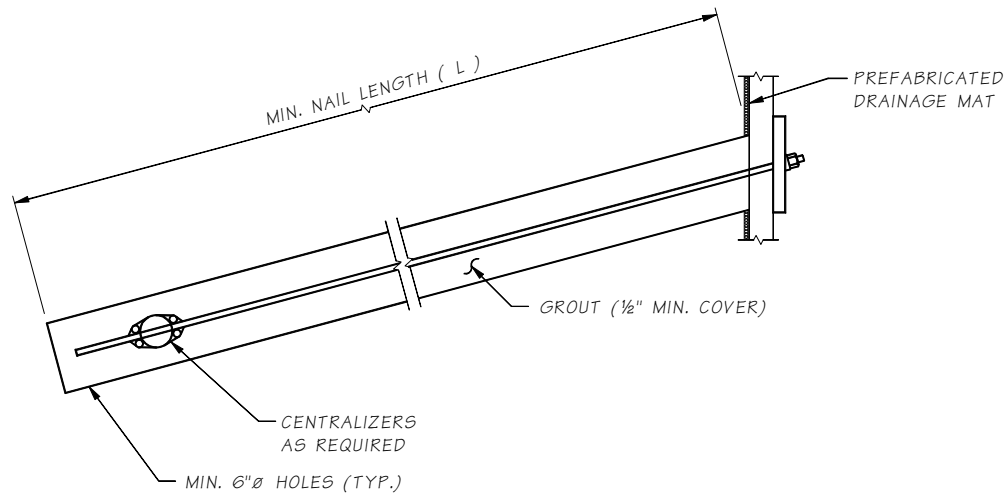
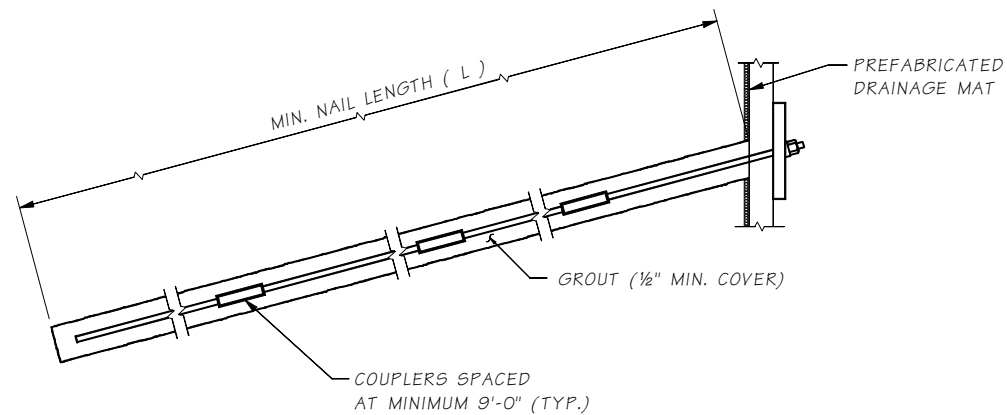


22-28



NAIL DETAIL
SOLID BAR OPTION



NAIL DETAIL
SELF-DRILLING HOLLOW BAR OPTION

	NAIL SCHEDULE				
	L	α	S	BAR #	DLT
SOLID BARS					
SELF-DRILLING HOLLOW BARS					

NOTES:

- NAIL ELEVATIONS AT FACE OF SHOTCRETE FACING SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- THE SOIL NAILS SHALL BE BLACK STEEL REINFORING BARS. SELF-DRILLING HOLLOW BAR ANCHORS WITH A MINIMUM CAPACITY OF 45 KIPS MAY BE SUBSTITUTED IF APPROVED BY THE ENGINEER.

LEGEND

L = MINIMUM NAIL LENGTH (FT.)
 α = NAIL DECLINATION (DEG.)
S = HORIZONTAL SPACING OF NAILS
BAR # = MIN. STEEL BAR SIZE
DLT = DESIGN LOAD TRANSFER (K/FT.)

Bridge Design Engr.	Jugesh Kapur	M:\STANDARDS\Walls\SOIL NAIL SELF DRILLING.MAN									
Supervisor	Sup					REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
Designed By	Designer	Date				10	WASH.				
Checked By	Checker	Date				JOB NUMBER					
Detailed By	Detailer	Date									
Bridge Projects Engr.											
Prelim. Plan By											
Architect/Specialist		DATE	REVISION	BY	APPD						

Wed Oct 27 10:46:19 2010

BRIDGE
AND
STRUCTURES
OFFICE



Project Title 1
Project Title 2
Project Title 3
Structure Name

Sheet Title